


LLANDOVERY BOROUGH
COUNCIL
ANNUAL REPORT
OF
MEDICAL OFFICER
OF
HEALTH
FOR
1955.





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The Annual Report of the Sanitary Inspector and
Water Engineer for the Year Ending 31st
December 1955.

Mr. Mayor and Gentlemen,

I submit for your consideration my Sanitary
Inspector's Annual Report for the year ending 31st December 1955.

WATER SUPPLY.

The Water Supply for the Borough of Llandovery is obtained from two sources, approximately 34% from the three springs at the junction of the Cynnant Fawr and Cynnant Fach rivers, tributaries of the River Bran and 66% from the Tonn Borehole.

The water from Cynnant is delivered through a cast iron trunk main of original diameter of 3 $\frac{1}{2}$. This delivery is being steadily reduced by corrosive incrustation of the trunk main, a reduction of 7000 gallons per day has been brought about by forming a back pressure in the Cynnant Main to build up the necessary pressure to provide a satisfactory supply to the Cynghordy Housing Site of the Llandilo Rural District Council. A number of leaks have developed on this main due to this back pressure, and the thin spots of the casting of the trunk main brought about by corrosion and successive scrapings.

The delivery to the service reservoir in Llandovery through the Cynnant Trunk main is further reduced by supplying water to 50 dwellings and 8 farms en route in the area of the Llandilo Rural District Council. The Tonn Borehole has been constructed in the gravel subsoil of the Tonn Farm area. This source has supplied water to the Borough Supply since January 1952.

A scheme is being prepared for submission to the Ministry of Housing and Local Government to make the scheme a permanent scheme with duplicate submersible pumps and new equipment for chlorination and the treatment of the water for the required p.H. value.

Treatment of Supply.

The water is chlorinated by means of a drip feed of a solution of Chloros and water into the service reservoir.

The acidic and corrosive property of the water is treated by means of a drip feed of a solution of Sodium Carbonate and Sodium Silicate into the service reservoir.

It is proposed to provide a chlorine gas plant and a lime saturation plant at the head of the Tonn Borehole which will provide a more uniform and satisfactory treatment of the supply.

The supply.

The quality is satisfactory, but a hardness of 2° to 3° would provide added protection to the water fittings in the Borough.

The quantity of water available when the Tonn Borehole is fully operative with a standby pumping unit in a second borehole, will be enough for the future need of the Borough of Llandovery.

Cynnant Supply. The delivery to the service reservoir in the Borough of Llandovery was 8,030,000 gallons, an average of 22,000 gallons per day, 4,074 gallons less than was delivered in 1954.

Tonn Borehole Supply.

The total amount of water supplied from the Tonn Borehole was 16,701,000 gallons, average per day 45,756 gallons, increase of daily yield over 1954, 8,606 gallons.

Total Consumption in Borough.

The total consumption in Borough of Llandovery 24,731,000 gallons average per day 67,756. Increase of consumption over period of 1954, 4,532

Supply Distribution.

The whole district with the exception of two farms and four isolated houses have water from the public water mains.

Dwellings with piped supply into dwellings	449.
Combined shop and dwelling with piped supply into premises.	66.
Premises with stand pipes in back area exclusively for each dwelling.	20.
Number of dwellings sharing 7 street taps.	14.

Water Sampling.

Eleven Bacteriological samples were taken during the year and submitted to the Public Health Laboratory Service Carmarthen. Two of the samples taken in the first week of August were found to be doubtful. The free chlorine content of the water was increased for the period of continual drought and all samples taken thereafter was satisfactory. All samples take with the exception of the two samples were found to be satisfactory. One chemical sample was taken in September and submitted to the Public Analyst. The remarks of the Public Analyst was as follows :

"Chemically the sample was of the highest organic purity and showed no evidence of contamination.

Waste Water Byelaws.

The draft copy of Waste Water Buelaws were approved by the Minister of Housing and Local Government.

SEWERAGE AND DRAINAGE.

The Main Sewerage and Sewage Disposal Scheme of the Borough of Llandovery, is progressing very slowly. Delay in its completion was caused by the stopage of work on the Main Pump House, due to the dispute caused by the claim of the Contractor that the amount of water pumped from the excavation was abnormal, and could not have been reasonably foreseen before the submission of the tender. Twenty of the site of thirty Council Houses completed during the year were planned to be drained into the Main Trunk Sewer. Due to the slow progress of the sewerage scheme, it was necessary to construct a septic tank and soakaway in the gravel of the lower point of the Housing Site to provide temporary disposal for twenty houses. Twenty four houses of the site of 48 houses which have been started are planned to drain into the Main Trunk Sewer also, it is hoped that the Main Sewerage and Sewage Disposal Scheme will be ready when these houses are occupied or the Council will again have to face the extra cost of providing temporary sewerage disposal works for these houses.

CLOSET CONVERSION SCHEME.

Two years have elapsed since tenders were received for the carrying out of a comprehensive scheme for the connection of existing sewage disposal schemes to the Main Sewer.

It appears that two more years will elapse before the Sewerage and Sewage Disposal Scheme will be ready for the first connection for foul drainage.

The tenders received will be subject to increase rates of wages and materials. It is hoped that the Minister of Housing and Local Government will agree to the readvertising of the Closet Conversion Scheme and will also agree to the influencing of the Contractor for the scheme to agree to the readvertising of this scheme.

PUBLIC CLEANSING.

Household refuse is removed twice weekly and deposited in the area of Llandilo Rural District. Planned control tipping is difficult as the land is not owned by the Council.

Paper and cardboard salvage is not collected as the Council were left with a quantity of baled paper and cardboard which they could not sell.

The refuse is collected with a Karrier Bantom Refuse collecting motor vehicle. The sweeping of Borough roads are carried out by Borough Council employees and the County roads by Borough employees on behalf of the County Council.

SANITARY INSPECTION.

Dwelling Houses.

Number of Inspections carried out	600
Number of reinspections	240.
Number of Informal Notices served.	6.
Number of Informal Notices Complied.	7.

STATUTORY NOTICES SERVED.

<u>Public Health Act 1936.</u>	2
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<u>Housing Act 1936.</u>	
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Section 9	Nil
Section 11	12.

<u>Housing Act 1936.</u>	
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<u>Section 11.</u>	
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<u>Demolition Orders.</u>	Demolition Orders were sealed on 4 houses.
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<u>Undertaking Received.</u>	Undertakings received were accepted for 3 dwellings.
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<u>Demolition in Default.</u>	Dwellings demolished in default of owners, 9 dwellings.
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HOUSING REPAIRS AND RENTS ACT 1954.

A preliminary survey was made and a preliminary proposals submitted to the Welsh Office of the Ministry of Housing and Local Government as required under the above Act.

<u>Improvement Grants.</u>	Two applications for Improvement grants were received and approved.
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NEW HOUSES LOCAL AUTHORITY.

A site of 30 New Traditional dwellings were completed and occupied during the year.

A site of 48 Traditional dwellings were started during the year.

PRIVATE.

One Bungalow was completed and occupied.
Three dwellings were under construction.

APPLICATION FOR COUNCIL HOUSES.

New applications in year	31.
Total number of applicants.	81.

FOOD PREMISES.

<u>Bakehouses.</u>	6
Number of visits	24

Icecream Premises.

Storage and Sale	18.
Manufacturing	1

Sausage Manufacturing Premises.

Number of visits	28
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Milk Supply.

Dairies

Dairies on Register	4
Raw milk retailers on register	3
Dairies licenced to sell Pasteurised Milk	1

Dealers Licences Renewal.

Tuberculin Tested Dealers Licences issued.	2
Pasteurised Dealers Licences issued.	2

All dealers licenced to sell designated milks in the Borough of Llandovery receive their supply of milk in properly sealed bottles ready to deliver to their consumers.

Butchers Shops.

Number of visits	70
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Grocer Shops.

Number of visits	21
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Cafes

Number of visits	21
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Transport Cafe's & Hostel

Number of visits	2
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<u>Wet Fish Shops.</u>	2
Number of visits	4
<u>Fried Fish and Chip Shops.</u>	3
Number of visits	7
<u>Sweet Shops</u>	7
Number of visits	10
<u>Fruit Shops</u>	5
Number of visits	20
<u>School Kitchens</u>	2
Number of visits	2
<u>Residential Hotel</u>	2
Number of visits	8
<u>Licenced Hotels and Public Houses.</u>	21
Number of visits	60
<u>Slaughter Houses</u>	

One private slaughter house is licenced in the Borough

Slaughtermans Licences.

slaughtermen were licenced by the Council during the year.

MEAT INSPECTION.

The following animals were slaughtered and inspected in the Private Slaughterhouse licenced in the Borough from 2nd July 1955.

Cattle	8
Calves	1
Pigs	20
Sheep and lambs	240.

Of the above carcasses and offal the following are found to be unfit for human consumption.

Cattle.

Liver	28lbs	Cirrhosis
Tongue	12lbs.	Actinobasillosis

Sheep & Lambs

Liver	140lbs	Cirrhosis
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The Following Food was Found Unfit for Human Consumption and Voluntarily
surrendered during the Year.

Pork Sausages	12 lbs	0 ozs.
Bacon	36 lbs	0 ozs.
Tinned Hamm	26 lbs	3 ozs.
" Corned Beef	3 lbs	12 ozs.
" Fruit	18 lbs	8 $\frac{1}{2}$ ozs.
" Fish		15 $\frac{1}{2}$ ozs.
" Evaporated Milk		48 ozs.
" Peas		15 $\frac{1}{2}$ ozs.
" Stewed Steak	3 lbs	0 ozs.
Boxed Cheese	1 lb	8 ozs.

I am,

Your obedient Servant,

W. Davies,

Sanitary Inspector and
Water Engineer.

To the Mayor and Councillors of the Borough of
Llandovery.

Mr, Mayor and Gentlemen,

I beg to present my fourth Annual Report
for the year ending 31st December 1955.

I am glad to be able to report that apart
from a small outbreak of Measles, health in the Borough remained
good during the year.

There was an increase of ten in the general
population in spite of a drop in the birth rate and a slight
increase in the number of deaths.

There has been an increase of 83 since the
1951 census - at that time 13% of the population were over 65 years
of age.

The report is divided into two parts and
the second part, dealing with the Sanitary circumstances in the
area, has been prepared by Mr. Davies, your Public Health Inspector.
I wish to take this opportunity of thanking him and the Members
of the Council and the Staff for their help and interest during
the year.

I have the Honour to be

Your obedient Servant,

G. M. Herbert,

Medical Officer of Health.

GENERAL STATISTICS.

Area	...	...	...	...	1,266 acre
Populaution	...	...	...	...	1,940.
Rateable Value	...	...	...	...	£7,954.
Sum represented by a penny rate	...	...	...	...	27.
Number of Inhabited Houses	...	...	...	...	536
Number of Uninhabited Houses	...	...	...	...	23
Number of Council Houses completed during the year	...	...	...	...	30
Number of Private Houses completed during the year	...	...	...	...	1

VITAL STATISTICS.

Births and Deaths

Live Births.

	Male.	Female	Total
Legitimate	.11	8	19
Illegitimate	1	0	1
Totals.	12	8	20

BIRTH RATES per 1000 estimated population.

Llandovery	...	...	...	...	10.31
Carmarthenshire	...	...	...	...	13.31
England & Wales	...	...	...	...	15.0.

STILL BIRTHS There was one male still birth.

Still Birth Rate per 1000 live and still births.

Llandovery	...	...	...	...	47.61
Carmarthenshire	...	...	...	...	24.04
England & Wales	...	...	...	...	23.2.

DEATHS There were 34 deaths 19 male and 15 female.

Death rate per 1000 estimated population

Llandovery	...	...	...	...	17.32
Carmarthenshire	...	...	...	...	14.10
England & Wales	...	...	...	...	11.7

MATERNAL MORTALITY.

There were no maternal deaths resulting from.
pregnancy or childbirth

Maternal Mortality rate per 1000 live and still birth

Llandovery	...	...	...	...	0.
Carmarthenshire	...	...	...	...	2.1
England & Wales	...	...	...	...	0.64

INFANT MORTALITY.

There was one female infant death under one years of age ,but none under 4 weeks.

Infant mortality rate per 1000 live births.

Llandovery	...	...	...	...	50.0
Carmarthenshire	...	...	...	...	30.05
England & Wales	...	...	...	...	24.9

This year again the rate for England and Wales has reached a new low record. The rate was lower in the Borough than the previous year, but is still comparatively high because of the small number of births.

CAUSES OF DEATHS.

All ages with rates per 1000 estimated population.

	Male	Female	Borough Council	Rates. Carmarthen shire C.Council.
Tuberculosis - Respiratory	0	1)	0.51	0.24
Tuberculosis - Non Respiratory.	0	0)		0
Diphtheria	0	0	0	0
Malignant Neoplasm	1	0)	1.54	2.13
Lung bronchus				
Other Sites.	1	1)		
Vascular lesions of nervous system	0	4	2.06	2.06
Coronary disease.	5	1)		
Other heart disease	5	7)	10.31	5.10
Other circulatory disease	1	1)		
Influenza	0	0	0	-
Pneumonia	0	1	0.51	0.31
Other defined and ill defined disease	1	2	1.54	-
Other accidents.	0	1	0.51	
Homicide.	1	0	0.51	
Totals	15	19.		

56% of the total deaths were over 65 years of age and 18% were over 80.

CANCER

There were fewer deaths from Cancer during the year. 3 compared with 6 the previous year.

Prevalence and Control of Infectious Disease (other than Tuberculosis)

A small outbreak of Measles occurred in the district in the last two months of the year, 8 cases were notified in the Borough. No other infectious disease were notified, but there was a small outbreak of Poliomyelitis in an adjoining district. The first case was a very acute polio-encephalitis of very short duration. He was extremely ill on admission to Llandovery Hospital and died shortly afterwards. When the nature of his infection was proved. the Hospital was closed and the necessary precautions were taken and contacts were kept under observation. No other cases occurred in the Borough.

DIPHTHERIA AND WHOOPING COUGH IMMUNISATION.

For another year again it is gratifying to be able to report that there were no cases of Diphtheria - nor Whooping Cough. Combined inoculations against these two diseases were started at the Infant Welfare Centre during the year. It is hoped that parents will take the opportunity of protecting their children in this way. The full course of three injections can be obtained from the Family Doctor or at the Infant Welfare Clinic held on alternate Tuesday afternoons at the Institute. Eight children received the full primary course during the year but no booster injections were given

TUBERCULOSIS.

One new case was notified during the year, a female suffering from respiratory disease. There was also one death from this disease.

FOOD POISONING

No cases were notified in the Borough during the year.

NATIONAL ASSISTANCE ACT 1948.

Visits were made in connection with this section of the National Assistance Act, but no Order for removal was required.

